

PeopleSoft Developer
IS Enterprise Systems Development Services – Senior

Department of Administration – STAR Program Office

Position Summary

The STAR Program Office provides statewide information technology services utilizing a combination of both State-owned equipment and vendor-provided services. The division ensures the effective and efficient use of information technologies in support of Wisconsin government services and programs. It designs, administers, promotes, and supports information technology services to state agencies, local governments, tribal governments, private partners, schools, universities, libraries, and citizens.

Under the general supervision of the Development Section Chief/senior team members, this position functions as a Developer for the State of Wisconsin's enterprise technology environment. Specifically, Oracle PeopleSoft Applications: Financial Management, Human Capital Management, Enterprise Learning Management and Procurement and Supplier Management. PeopleTools is a comprehensive development toolset that supports the development and runtime of PeopleSoft application.

Key Responsibilities:

- Support STAR Program Office and agencies through the application development process including the definition and design of specifications for the interfaces, data conversions, reports, etc.
- Ensure that STAR Program Office Development Standards are being adhered too.
- Support the Development Teams leads
- Ensure proper status reporting process, structures, and scorecards are defined and implemented.
- Product development and implementation to ensure the timely delivery of application changes.
- Support for enhancements and ongoing maintenance of applications.

Work impacts all phases in the Systems Development Life Cycle. As a result, this position requires knowledge of systems analysis and design, data modeling, languages, databases and operating systems, management information systems, and, software design patterns, and project management. This position utilizes techniques, standards, and methodologies to be used in enterprise application development activities.

The systems that the incumbent is responsible for are critical to the mission of the agency and, as such, have widespread impact throughout state and local government and affect the private sector, as well.

Goals and Worker Activities:

- 50% A. Assist senior team members in providing technical installation/maintenance support for PeopleSoft applications including hardware, software, and services.**
- A1. Assist in using PeopleTools to build, customize and maintain PeopleSoft applications, as well integrate them with other systems.
 - A2. Assist in technical design including specifications and test plans for new functionality and/or changes to existing programs, modules, and other procedures needed to support a given set of requirements.
 - A3. Assist in design of data structures to support the data and processing requirements of a system and define their relationships with existing databases according to STAR Program Office standards.
 - A4. Assist in perform maintenance of PeopleSoft applications and perform configuration changes to resolve problems and maintain system stability.
 - A5. Determine the potential impact of new modules, components, and/or vendor upgrades on primary software systems.
 - A6. Participate in technical design walkthroughs in order to ensure compliance with business requirements and technical soundness.

- A7. Update documentation for customers, other applications development staff, Enterprise Service Desk and customers.

25% B. Production Support.

- B1. Provide backup support and respond to problems reported by the customer, STAR Program Office production support groups, technologists or the Enterprise Service Desk. Be available on call or standby, as necessary, to respond to production problems.
- B2. Assist in the monitoring of production system/program performance and recommend new system/program development or system tuning to satisfy new customer information requirements and/or to reduce costs.
- B3. Complete installations, changes or upgrades of production systems by deadlines, and assure that new systems or changes/upgrades are successfully implemented. Follow-up with customers to determine if production results are correct.
- B4. Use vendor provided administration tools and troubleshooting facilities for troubleshooting production problems and debugging the software. Understand vendor upgrade tools and procedures to assist in the application of major upgrade releases.

15% C. Project Participation and Support.

- C1. Acquire and maintain working knowledge of the customer's operation and business needs/problems by participating in meetings and reviewing relevant documentation.
- C2. Respond quickly and accurately to customer requests for production system information, or ad hoc reports and data extracts in regards to project support.

10% D. Professional Development.

- D1. Maintain familiarity with activities and trends in the field of Oracle PeopleSoft applications.
- D2. Participate in activities of professional and technical associations to contribute to the industry and various government agencies.
- D3. Participate in special assignments, activities and programs sponsored by the group, department or division.
- D4. Improve IT technical skills via appropriate professional development activities, techniques, procedures and methods through self-study and attending conferences, seminars and workshops.
- D5. Attend appropriate training courses, conferences, and seminars.
- D6. Perform all duties assigned, either by the unit supervisor or by his/her delegate, in a timely and professional manner.

Knowledge, Skills, and Abilities

1. Understand the technical architecture, database objects, and functional aspects of the system software in order to support the ongoing extension, troubleshooting, debugging, and customization of the system.
2. Ability to adhere to policies, procedures, and standards in system design and specifications, program development, documentation, planning and status reporting
3. Structured programming techniques
4. Object oriented analysis/design/development techniques

5. Data modeling/entity modeling
6. Basic project management practices
7. Problem solving skills and problem management skills
8. Team leadership as well as team membership roles and ability to follow other leaders
9. Knowledge and use of Agile software development methodology
10. Experience in object-oriented analysis, design, software development life cycle
11. Web Services and SOA concepts
12. Knowledge of database design/modeling and query optimization
13. Experience with test-driven development and continuous integration.
14. SQL skills
15. Internet clients/servers/protocols
16. Effective oral and written communication skills
17. Continually learn programming and other development techniques to help support the State's enterprise technology environment such as PeopleTools, SQR, XML Publisher, Fluid, COBOL, SQL, Web Services, and Integration Broker.